

Seed samples (100 seed lots) of L 1 are available to bean breeders. L 1 has been consistently a high yielding bean, but has small pods $4\frac{1}{2}$ inches long which are oval and have some string. However, the plant type and leaf habit are typical of the type we have aimed at and the bush is well branched. The seed is white and seed size is quite small with 1800 per pound. Seed abortion is rare and seed yields have been consistently high.

W96 HALO BLIGHT RESISTANCE TRIAL
AT GENEVA, NEW YORK - SUMMER 1970

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Eighty-four lines were submitted for testing for halo blight resistance at the Geneva Station. These lines were planted in two replications on June 26 and inoculated three times using a power pack inoculator with a mixture of races 1 and 2. Observations on halo blight susceptibility were made August 14 and 21 and on August 19 by those attending the W96 Committee meeting.

Snap bean types with high tolerance and good plant and pod characteristics were submitted from Wisconsin, Oregon, Geneva, N. Y., Nebraska, and from Australia. Michigan and Cornell both supplied Red Kidney type beans with intermediate or good levels of resistance. It is interesting that the sources of resistances used were probably different at each location. This offers an opportunity for combining resistance from different sources and possibly obtaining resistance less likely to be overcome by mutation of the organism.

Source & number of lines in each resistance
class in trial grown at NYSAES, Summer 1970.

Source & bean type	Resistance Score*		
	1	2	3
Univ. Nebraska	5	0	0
Oregon S. Univ.	8	2	0
Univ. Wisconsin	1	0	0
Australia Dept. of Agr., Victoria	1	2	0
Washington USDA	0	0	2
Geneva NYSAES	15	7	3
Niagara	0	0	5
Northrup, King	0	4	0
Cornell Univ.	0	1	0
Michigan S. Univ.	6	15	4

* Resistance score 1 are highly tolerant, 2 intermediate tolerant, and 3 very susceptible.